

**AMENDMENTS TO THE CLAIMS**

Please amend the claims as follows.

1– 23. (Canceled)

24. (Previously Presented) A system for providing service attribute information comprising:  
a directory server comprising a hierarchical data store associating a plurality of target entries  
with service attributes, said hierarchical data store comprising an organization level  
and a managed role level and further comprising attribute templates defined with  
respect to services and levels;

an application configured to designate a predefined service attribute in response to a query for  
said predefined service attribute associated with one of said plurality of target entries;  
and

wherein said directory server, in response to designating said predefined service attribute, is  
configured to search said hierarchical data store for target entries that comprise said  
predefined service attribute.

25. (Previously Presented) The system as recited in Claim 24 wherein said predefined  
service attribute is associated with a role comprising one or more service attribute.

26. (Previously Presented) The system as recited in Claim 25 wherein said predefined  
service attribute is associated with said managed role associated with an organization  
of said organization level.

27. (Previously Presented) The system as recited in Claim 24 wherein said attribute  
templates comprise:  
a first template defined with respect to a first service and a first managed role; and  
a second template defined with respect to said first service and a second managed  
role.

28. (Previously Presented) The system as recited in Claim 24 wherein said attribute templates further comprise a third template defined with respect to a second service and said first managed role.
29. (Previously Presented) The system as recited in Claim 24 wherein said predefined attribute is nsRoleDN.
30. (Previously Presented) The system as recited in Claim 24 wherein said directory server assigns said distinguished name of said managed role to said predefined service attribute if said one of said plurality of target entries belongs to said managed role.
31. (Previously Presented) A method for searching a tree structured hierarchical directory server, said directory server comprising a plurality of entries comprising at least one role, said role for grouping said plurality of entries comprising:  
accessing a first role associated with one or more of said plurality of entries wherein said first role comprises a first identifiable attribute and a first distinguished name;  
accessing a second role associated with one or more of said plurality of entries wherein said second role comprises a second identifiable attribute and a second distinguished name;  
determining if one or more of said plurality of entries comprises said first identifiable attribute and said second identifiable attribute; and  
creating a third role comprising said first identifiable attribute and said second identifiable attribute.
32. (Previously Presented) The method as recited in Claim 31 further comprising:  
creating a nested role by encapsulating said first distinguished name and said second distinguished name wherein said nested role comprises said first attribute and said second identifiable attribute and can be associated with one or more of said plurality of entries.

33. (Previously Presented) The method as recited in Claim 32 further comprising:  
    encapsulating said first identifiable attribute and said second identifiable attribute into  
    a third distinguished name.
34. (Previously Presented) The method as recited in Claim 33 wherein said third  
    distinguished name is nsRoleDN.
35. (Previously Presented) The method as recited in Claim 31 wherein said first role is a  
    dynamic role and wherein said first identifiable attribute is computed at the time of  
    accessing said first role.
36. (Previously Presented) The method as recited in Claim 31 wherein said first role is an  
    enumerated role.
37. (Previously Presented) The method as recited in Claim 31 wherein said first role is a  
    filtered role.
38. (Previously Presented) The method as recited in Claim 31 wherein said first role is a  
    nested role.
39. (Currently Amended) A computer readable medium comprising instructions, that when  
    executed, perform a method for searching a tree structured hierarchical directory  
    server, said directory server comprising a plurality of entries comprising at least one  
    role, said role for grouping said plurality of entries, said method comprising:  
    accessing a first role associated with one or more of said plurality of entries wherein  
    said first role comprises a first identifiable attribute and a first distinguished  
    name;  
    accessing a second role associated with one or more of said plurality of entries  
    wherein said second role comprises a second identifiable attribute and a  
    second distinguished name; and

determining if one or more of said plurality of entries comprises said first identifiable attribute and said second identifiable attribute; and .  
creating a nested role by encapsulating said first distinguished name and said second distinguished name wherein said nested role comprises said first identifiable attribute and said second identifiable attribute and can be associated with one or more of said plurality of entries.

40. (Canceled)

41. (Currently Amended) The computer readable medium as recited in Claim [[40]] 39 further comprising instructions for:  
encapsulating said first identifiable attribute and said second identifiable attribute into a third distinguished name.

42. (Previously Presented) The computer readable medium as recited in Claim 41 wherein said third distinguished name is nsRoleDN.

43. (Previously Presented) The computer readable medium as recited in Claim 39 wherein said first role is a dynamic role and wherein said first identifiable attribute is computed at the time of accessing said first role.

44. (Previously Presented) The computer readable medium as recited in Claim 39 wherein said first role is an enumerated role.

45. (Previously Presented) The computer readable medium as recited in Claim 39 wherein said first role is a filtered role.

46. (Previously Presented) The computer readable medium as recited in Claim 39 wherein said first role is a nested role.